

Fujitsu recommends Windows® 7.

Data Sheet

Fujitsu ESPRIMO P400

Desktop PC

Your Immediately Available Office PC

Fujitsu All-round ESPRIMO PCs deliver high-quality computing for your office applications and projects at a very attractive price point. You can choose cost-optimized fixed configurations for immediate delivery. Alternatively, you can use configuration options to meet your specific hardware needs, while staying within your budget.

Intelligent performance

The ideal PC for the day-to-day challenges of office life

- 2nd generation Intel® Core™ processors with Turbo Boost 2.0 and Hyper-Threading technology

Designed and engineered in Germany

Outstanding quality and stable functions based on German production standards

- The development, production and function tests are all under one roof in Germany

Immediate availability

Short waiting-times for fast purchase decisions - pre-configured and always available

- Fast availability and adapted to constantly changing customer and market requirements.



Components

Processor	Intel® Core™ i7-2600 processor (4 Cores / 8 Threads, 3.40 GHz, 8 MB, Intel® HD Graphics 2000)
	Intel® Core™ i5-2400 processor (4 Cores / 4 Threads, 3.10 GHz, 6 MB, Intel® HD Graphics 2000)
	Intel® Core™ i3-2120 processor (2 Cores / 4 Threads, 3.30 GHz, 3 MB, Intel® HD Graphics 2000)
	Intel® Pentium® processor G840 (2 Cores / 2 Threads, 2.80 GHz, 3 MB, Intel® HD Graphics)
	Intel® Pentium® processor G620 (2 Cores / 2 Threads, 2.60 GHz, 3 MB, Intel® HD Graphics)
Operating systems	
Operating system	Genuine Windows® 7 Home Basic (EM) 32-bit Genuine Windows® 7 Home Premium 64-bit Genuine Windows® 7 Professional 32-bit Genuine Windows® 7 Professional 64-bit
Operating system compatible	openSUSE Linux Genuine Windows Vista® Genuine Windows® XP
Operating system notes	Limited Windows® XP support. Microsoft discontinued Windows® XP certification on system level, basic drivers via http://support.ts.fujitsu.com
Memory modules	2 GB (1 module(s) 2 GB) DDR3, unbuffered, non-ECC, 1333 MHz, PC3-10600, DIMM
	4 GB (1 module(s) 4 GB) DDR3, unbuffered, non-ECC, 1333 MHz, PC3-10600, DIMM
Hard disk drives (internal)	HDD SATA II, 7200 rpm, 1000 GB, 3.5-inch, S.M.A.R.T.
	HDD SATA II, 7200 rpm, 500 GB, 3.5-inch, S.M.A.R.T.
Hard disk notes	Up to 18 GB of HDD space is reserved for system recovery
Graphics add on cards (optional)	ATI Radeon® HD 5450, 512 MB
Drives (optional)	DVD Super Multi
	MultiCard Reader 20in1, USB 2.0, 3.5-Inch
Base unit	ESPRIMO P400
Mainboard	
Mainboard type	D2990
Formfactor	ATX
Chipset	Intel® H61
Processor socket	LGA 1155
Processor quantity maximum	1
Memory slots	2 DIMM (DDR3)
Supported capacity RAM (max.)	8 GB
Memory frequency	1333 MHz
Memory notes	Dual channel support. For dual channel performance, identical memory modules in each channel are necessary (minimum 2 modules).
LAN	10/100/1000 MBit/s Realtek RTL 8111E
BIOS version	AMI Aptio 4.6
BIOS features	BIOS Flash EPROM update by software
	Recovery BIOS
	Unified Extensible Firmware Interface (UEFI)
Audio codec	Realtek ALC663
Audio features	High Definition Audio
I/O controller on board	
Serial ATA total	4
Controller functions	Serial ATA II (3 Gbit)
	NCQ
	AHCI

Interfaces

Audio: line-in	1
Audio: line-in / microphone	1
Audio: line-out	1
Front audio: microphone	1
Front audio: headphone	1
USB 2.0 total	8
USB 3.0 total	optional
USB front	2
USB rear	4
USB internal	2
VGA	1
DVI	1 (DVI-D)
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1

Input device / components

	Optical USB wheel mouse
	Keyboard

Drive bays

Drive bays total	5
3.5-inch internal bays	2
3.5-inch external bays	1
5.25-inch external bays	2

Slots

PCI-Express 2.0 x16	1 x (210 mm) Full height
PCI-Express x1	2 x (190 mm) Full height

Graphics on board

Graphics brand name	Intel® HD Graphics or HD Graphics 2000 (depending on CPU)
Shared video memory	up to 1759 MB
TFT resolution (VGA)	1024 x 768 pixel 1280 x 1024 pixel 1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1600 x 1200 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
TFT resolution (DVI)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
Graphics features	Dual display support DirectX 10.1 HDCP support OpenGL® 2.1
Graphics notes	Tested resolutions, depending on display type additional resolutions and frequencies possible Shared memory depending on main memory size and operating system Resolution (color depth up to 32 Bit/pixel) For TFT we recommend using 60Hz

Electrical values

	0-Watt mode with hard-off switch
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Electrical values

Power supply input	200 - 240 V ~1,5A
Rated voltage range	200 V - 240 V
Rated frequency range	50 Hz - 60 Hz
Operating voltage range	200 V - 240 V
Operating line frequency range	47 Hz - 63 Hz
Max. output of single power supply	300 W
Monitor outlet	No

Power consumption**Heat dissipation**

Heat dissipation notes	See white paper Energy Consumption
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Noise for standard configuration (HDD, ODD)

Noise emission	According to ISO9296
Related Processors for noise	Intel® Core™ i5 2400
Noise Operation mode 1: ODD load (Blue angel requirement)	5.1 B/ 38 dB(A)
Noise Operation mode 2: HDD load (Blue angel requirement)	4.4 B/ 29 dB(A)
Noise Operation mode 3: CPU 90% load (Blue angel requirement)	4.7 B/ 32 dB(A)
Noise Operation mode 4: High load	4.7 B/ 32 dB(A)
Noise Operation mode 5: Office applications 2.0	4.4 B/ 29 dB(A)
Idle mode (Blue Angel requirement)	4.3 B/ 29 dB(A)
Noise notes / description	A weighted sound power level Lw _{ad} (in B) / workplace related A-weighted sound pressure level Lp _{Am} (in dB(A)), Bystander position

Dimensions / Weight / Environmental

Dimensions (W x D x H)	175 x 425 x 353 mm
Operating position	Vertical
Weight	approx. 9 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35°C

Compliance

Product	ESPRIMO P400
Model	MI4W-2990
Europe	CE
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/

Additional Software

Additional software (preinstalled)	Nero Essentials S (burning software) Fujitsu Recovery (Hard Disk Based Recovery) Norton Internet Security (incl. Firewall) 60 days version Microsoft® Office Starter: reduced-functionality Word and Excel® only, with advertising. No PowerPoint® or Outlook®. Buy Office 2010 to use the full-featured software.
Additional software (optional)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD) CyberLink PowerDVD BD (playback software for Blu-ray Disc™, only with Blu-ray Disc™ drive / Blu-ray playback is not supported under Windows XP if the system runs on Intel onboard graphics)

Compatibility (references)

DMI 2.0
PC 2001
WMI 1.5
USB 2.0
SMBIOS

Manageability

Manageability technology DeskUpdate Driver management
PXE 2.1 Boot code
Wake up from S5 (off mode)

DeskView components WoL (Wake on LAN)

Security

System protection Kensington Lock support
Eye for padlock

Audit proof protection Boot sector virus protection
Control of external interfaces

Access protection User and supervisor BIOS password
Optional: Access protection via external SmartCard reader

Packaging information

Packaging dimension 500x290x540 mm

Max. quantity / pallet 24

Material - Weight (g) Carton 1270 g

Material - Weight (g) EPS / PS 160 g

Material - Weight (g) PE appr. 60 g

Packaging notes printed user documentation is bleached in chlorine free process

Warranty

Standard Warranty 1 year

Service level Bring-In / On-Site Service (depending on country)

Maintenance and Support Services - the perfect extension

Recommended Service 5x9, Response Time: Next Business Day

Spare Parts availability 3 years

Service Weblink <http://ts.fujitsu.com/Supportservice>

More information

Fujitsu platform solutions

In addition to Fujitsu ESPRIMO P400, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu ESPRIMO P400, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
<http://ts.fujitsu.com/ESPRIMO>

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at <http://www.fujitsu.com/global/about/environment/>



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